

SEPARATOR FOR ALKALINE SECONDARY BATTERY

SEPARATOR FOR ALKALINE SECONDARY BATTERY

Patent Number: JP7262979
Publication date: 1995-10-13
Inventor(s): ABE HIDETOSHI
Applicant(s):: FURUKAWA BATTERY CO LTD:THE
Requested Patent: ☐ JP7262979
Application Number: JP19940053414 19940324
Priority Number(s):
IPC Classification: H01M2/16 ; H01M10/24
EC Classification:
EC Classification:
Equivalents:

Abstract

PURPOSE:To obtain a separator having the excellent hydrophilic property, and to restrict the self discharge of a battery, and to improve the cycle lifetime characteristic by coating a base made of polyolefine group resin fiber with the sulfonic acid group negative ion surface active agent.

CONSTITUTION:The surface of a base made of polyolefine group resin fiber such as polyethylene resin fiber, polypropylene resin fiber and ethylene-propylene copolymer is coated with the sulfonic acid group surface active agent. As the sulfonic acid group surface active agent, alkyl benzene sulfonate, alkyl sulfonate or the like is used. A separator having the excellent hydrophilic property can be thereby obtained without lowering the mechanical strength thereof.

Data supplied from the **esp@cenet** database - 12